

*D/C*

sending a 100 MHz time-division multiplexed signal on a transmit data line;

sending a plurality of time-division multiplexed transmit control signals on a transmit control line,

*EE*

wherein the receive control signals are functionally different types of signals and the transmit control signals are functionally different types of signals.

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*DR*

15. (Amended Twice) An interface between a first media access control layer and a second media access control layer, consisting essentially of:

- a time-division multiplexed receive data line;
- a time-division multiplexed receive control line for transmitting different functional types of receive control signals;
- a time-division multiplexed transmit data line;
- a time-division multiplexed transmit control line for transmitting different functional types of transmit control signals.

*EE*

16. (Amended Twice) A media access control layer to physical layer interface consisting essentially of:

- a common clock;
- a time-division multiplexed receive data line;
- a time-division multiplexed receive control line for transmitting different functional types of receive control signals;
- a time-division multiplexed transmit data line;
- a time-division multiplexed transmit control line for transmitting different functional types of transmit control signals.